```
File 340:CLAIMS(R)/US Patent 1950-04/Feb 24
         (c) 2004 IFI/CLAIMS(R)
File 348:EUROPEAN PATENTS 1978-2004/Feb W03
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040219,UT=20040212
         (c) 2004 WIPO/Univentio
File 351:Derwent WPI 1963-2004/UD,UM &UP=200413
         (c) 2004  Thomson Derwent
File 353:Ei EnCompassPat(TM) 1964-200406
         (c) 2004 Elsevier Eng. Info. Inc.
File 652:US Patents Fulltext 1971-1975
         (c) format only 2002 The Dialog Corp.
File 654:US Pat.Full. 1976-2004/Feb 19
         (c) Format only 2004 The Dialog Corp.
File   6:NTIS 1964-2004/Feb W4
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2004/Feb W3
         (c) 2004 Elsevier Eng.  Info. Inc.
File  58:GeoArchive 1974-2004/Aug
         (c) 2004 Geosystems
File  65:Inside Conferences 1993-2004/Feb W4
         (c) 2004 BLDSC all rts. reserv.
File  87:TULSA (Petroleum Abs) 1965-2004/Feb W5
         (c)2004 The University of Tulsa
File  89:GeoRef 1785-2004/Feb B2
         (c) 2004 American Geological Institute
File  94:JICST-EPlus 1985-2004/Feb W3
         (c)2004 Japan Science and Tech Corp(JST)
File  96:FLUIDEX 1972-2004/Jan
         (c) 2004 Elsevier Science Ltd.
File 103:Energy SciTec 1974-2004/Feb B2
         (c) 2004 Contains copyrighted material
File 105:AESIS 1851-2001/Jul
         (c) 2001 Australian Mineral Foundation Inc
File 144:Pascal 1973-2004/Feb W3
         (c) 2004 INIST/CNRS
File 292:GEOBASE(TM) 1980-2004/Jan
         (c) 2004 Elsevier Science Ltd.
File 354:Ei EnCompassLit(TM) 1965-2004/Feb W3
         (c) 2004 Elsevier Eng. Info. Inc.
File 399:CA SEARCH(R) 1967-2004/UD=14009
         (c) 2004 American Chemical Society
File 624:McGraw-Hill Publications 1985-2004/Feb 24
         (c) 2004 McGraw-Hill Co. Inc
?ds

Set     Items   Description
S1      12775   (GAS OR GASOLINE OR FUEL OR PETROLEUM OR PETROL)()(DISPENS?
              OR FILL? ? OR FILLING? OR DISTRIBUT?)(5N)(SENSOR OR SENSORS -
             OR SENSING OR DETECTOR? OR SIGNAL? ?) OR FILLING()STATION? ?
S2        141   (ROBOTIC? OR AUTOMATE? OR UNATTENDED)(5N)(FUEL OR PETROLEUM
              OR PETROL)()(DISPENS? OR FILL? ? OR FILLING? OR DISTRIBUT?)
S3     178727   (DETECT? OR IDENTIF?)(5N)(AUTO? ? OR AUTOMOBILE? OR AUTOMO-
             TIVE? OR VEHICLE? OR TRUCK? ? OR MOTOR?()VEHICLE? OR LORRY OR
             LORRIES OR CAR? ? OR FLEET? OR (AUTO OR MOTOR)()CAR? ? OR AUT-
             OCAR? OR MOTORCAR? OR VAN? ?)
S4    8759865   (REMOTE OR DISTANT? OR SEPARATE? OR LOCATION? OR APART OR -
             FAR()OFF OR FAR()AWAY OR OFF()SITE? OR OFFSITE? OR REMOVED)
S5      11970   S4(5N)(RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S6      12885   S1 OR S2
S7         23   S6(8N)S3
S8          0   S7(8N)S5
S9         23   RD S7 (unique items)
S10         3   S6(8N)S5
S11         3   RD (unique items)
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Search performed by Sylvia Keys February 25, 2004

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S12        761   S6(5N)(REMOTE OR DISTANT? OR SEPARATE? OR LOCATION? OR APA-
                 RT OR FAR()OFF OR FAR()AWAY OR OFF()SITE? OR OFFSITE? OR REMO-
                 VED)
S13          3   S12(8N)(RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S14          0   S13 NOT S11
S15         27   S6(8N)(RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S16         23   S15 NOT (S9 OR S11)
S17         23   RD (unique items)
?
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Search performed by Sylvia Keys February 25, 2004

9/3,K/1 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent

1252023 2014217
M/CREDIT CARD AUTOMATED SYSTEM FOR VEHICLE SERVICE STATIONS
Inventors: MOORE ROBERT A (US); ROACH THOMAS L (US); SEGAL JACK S (US); WOSTL WOLFGANG J (US)
Assignee: ATLANTIC RICHFIELD CO
Assignee Code: 06096 **(REASSIGNED - See file 123 for details)**

	Publication		Application	
Kind	Number	Date	Number	Date
A	US 4199100	19800422	US 78913917	19780608

(Cited in 033 later patents)
Priority Applic: US 78913917 19780608

Calculated Expiration: 19980608

Exemplary Claim: ...dispersement of fuel, each said fuel dispensing means including means for generating first coded data **signals** representative of the value of **fuel dispensed** ; credit **card** reader means operable for **identifying** indicia carried by a credit **card** and for generating second coded data signals indicative of said indicia; attendant-operable keyboard means...
Non-exemplary Claims: ...by a customer, each said fuel dispensing means including means for generating first coded data **signals** representative of the quantity of **fuel dispensed** ; credit **card** reader operable for **identifying** indicia carried by a credit **card** and for generating second coded data signals indicative of said indicia; attendant-operable keyboard means...

9/3,K/2 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01131913
Device for the presentation of information on a display in a dispensing nozzle of a fuel delivery location
Einrichtung zur Prasentation einer Information auf einer Anzeigeeinheit einer Zapfpistole einer Tankstelle
Dispositif de presentation d'informations sur un afficheur situe sur un pistolet distributeur de carburant
PATENT ASSIGNEE:
Gossler Fluidtec GmbH, (2430150), Borsigstrasse 4 - 6, 21465 Reinbek, (DE), (Applicant designated States: all)
INVENTOR:
Morgenstern, Erich, Kielmannseggstrasse 162, 22043 Hamburg, (DE)
LEGAL REPRESENTATIVE:
Hansmann, Dierk, Dipl.-Ing. et al (4942), Patentanwalte Hansmann-Klickow-Hansmann Jessenstrasse 4, 22767 Hamburg, (DE)
PATENT (CC, No, Kind, Date): EP 989092 A1 000329 (Basic)
APPLICATION (CC, No, Date): EP 99118125 990911;
PRIORITY (CC, No, Date): DE 19843805 980924
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
INTERNATIONAL PATENT CLASS: B67D-005/37; G09F-023/02
TRANSLATED ABSTRACT WORD COUNT: 90
ABSTRACT WORD COUNT: 78
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): German; German; German

Search performed by Sylvia Keys February 25, 2004

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	200013	257
SPEC A	(German)	200013	1455
Total word count - document A			1712
Total word count - document B			0
Total word count - documents A + B			1712

...ABSTRACT display is controlled selectively by a central control device (3). A sensor (9) at the **filling station detects** the type of **vehicle** to refueled, causing the central control unit to transfer appropriate information. Energy savings are made...

9/3,K/3 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00954599

TESTING DEVICE AND METHOD OF USE
TESTVORRICHTUNG UND VERFAHREN ZU DEREN GEBRAUCH
APPAREIL TESTEUR ET PROCEDE D'UTILISATION

PATENT ASSIGNEE:
BP OIL INTERNATIONAL LIMITED, (952881), Britannic House 1 Finsbury Circus , London EC2M 7BA, (GB), (Proprietor designated states: all)

INVENTOR:
CLARK, Alisdair Quentin, 18 Britten Close, Ash, Aldershot, Hants GU12 6LS , (GB)
READ, Harry, 8 Clarewood Road, Camberley, Surrey GU15 3TE, (GB)

LEGAL REPRESENTATIVE:
Hymers, Ronald Robson et al (53271), BP INTERNATIONAL LIMITED Patents Division Chertsey Road, Sunbury-on-Thames Middlesex, TW16 7LN, (GB)

PATENT (CC, No, Kind, Date): EP 935750 A1 990818 (Basic)
EP 935750 B1 020424
WO 9820342 980514

APPLICATION (CC, No, Date): EP 97909510 971028; WO 97GB2951 971028

PRIORITY (CC, No, Date): GB 9622840 961101; GB 9704654 970306; GB 9714270 970708

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; NL; PT; SE

INTERNATIONAL PATENT CLASS: G01N-033/28; B67D-005/06; B60S-005/02

NOTE:
No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200217	1439
CLAIMS B	(German)	200217	1452
CLAIMS B	(French)	200217	1657
SPEC B	(English)	200217	13034
Total word count - document A			0
Total word count - document B			17582
Total word count - documents A + B			17582

...SPECIFICATION fuel nozzle removed from a holder e.g. in a fuel "pump" stand in a **filling station** and inserted into a fuel tank of a **vehicle** . The nozzle can carry the **detector** into the second zone. The detector can also be mounted in or especially on an...

9/3,K/4 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00294313

Liquid supply apparatus.
Flussigkeitsversorgungsapparat.
Appareil pour alimentation en liquide.
PATENT ASSIGNEE:
JUNKOSHA CO. LTD., (425100), 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo 156, (JP), (applicant designated states: AT;CH;DE;FR;IT;LI;NL;SE)
INVENTOR:
Akiba, Jyuji, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo, (JP)
Sugibuchi, Hiroyuki, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo, (JP)
Kojima, Kazuyuki, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo, (JP)
Satoh, Hiroshi, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo, (JP)
LEGAL REPRESENTATIVE:
Kehl, Gunther, Dipl.-Phys. et al (48351), Patentanwalte Hagemann & Kehl Ismaninger Strasse 108 Postfach 86 03 29, W-8000 Munchen 86, (DE)
PATENT (CC, No, Kind, Date): EP 298464 A2 890111 (Basic)
EP 298464 A3 890322
EP 298464 B1 930120
APPLICATION (CC, No, Date): EP 88110811 880706;
PRIORITY (CC, No, Date): JP 87171808 870709
DESIGNATED STATES: AT; CH; DE; FR; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: B67D-005/32;
ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	198
CLAIMS B	(German)	EPBBF1	362
CLAIMS B	(French)	EPBBF1	484
SPEC B	(English)	EPBBF1	2017
Total word count - document A			0
Total word count - document B			3061
Total word count - documents A + B			3061

...SPECIFICATION preventing the accidentally adding of automotive diesel fuel to the fuel tank of a gasoline **fuel vehicle** at retail **filling stations** the vapour pressure in the tank to be filled is measured by means of a...

9/3,K/5 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01004315 **Image available**
METHOD OF TYING A PRODUCT AND/OR A SERVICE TO A PERSON
PROCEDE PERMETTANT DE LIER UN PRODUIT OU UN SERVICE A UNE PERSONNE
Patent Applicant/Assignee:
PRODUKT POOLEN I STOCKHOLM AB, Stockholmsvagen 166, S-187 32 TABY, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
JOHANSSON Goran, Safirstigen 41, S-196 33 KUNGSANGEN, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
OEST Douglas, Stockholmsvagen 166, S-187 32 TABY, SE, SE (Residence), SE (Nationality), (Designated only for: US)
Legal Representative:
ALBIHNS STOCKHOLM AB (et al) (agent), P.O. Box 5581, S-114 85 STOCKHOLM, SE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200334307 A1 20030424 (WO 0334307)
Application: WO 2002SE1893 20021017 (PCT/WO SE0201893)

Search performed by Sylvia Keys February 25, 2004

Priority Application: SE 20013491 20011019; US 2001330115 20011019
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: Swedish
Fulltext Word Count: 5212

Fulltext Availability:
Detailed Description

Detailed Description
... to the second embodiment can also be applied to a service station, such as a **filling station** , where the product in question is **automobile** fuel and where said **identification** data is used to identify at the cash register which pump the person has used...

9/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00770739 **Image available**
WIRELESS VEHICLE FUEL STATION VEHICLE FUEL IDENTIFIER AND CONTROLLER
INDICATEUR ET UNITE DE COMMANDE HERTZIENS POUR VEHICULE ET STATION DE DISTRIBUTION DE CARBURANT
Patent Applicant/Assignee:
IDMICRO INC, 1019 Pacific Avenue, 13th floor, Tacoma, WA 98402, US, US (Residence), US (Nationality)
Inventor(s):
STEWART Gregory M, 301 Henly Court, Steilacoom, WA 98402, US
Legal Representative:
KINDNESS Gary S, Christensen O'Connor Johnson & Kindness PLLC, 2800 Suite, 1420 Fifth Avenue, Seattle, WA 98101-2347, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200103983 A1 20010118 (WO 0103983)
Application: WO 2000US18697 20000707 (PCT/WO US0018697)
Priority Application: US 99143000 19990708
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3101

Fulltext Availability:
Detailed Description

Detailed Description
... other entities that maintain a large fleet of vehicles require operators to obtain fuel at **unattended fuel - dispensing** stations. Usually the **vehicle** operator has some form of **identification** , such as an access **card** , that, when read by a reader, enables a **fuel dispenser** located at an **unattended fuel - dispensing** station to dispense fuel. Unfortunately, in the past, there has been no accurate way

of...

9/3,K/7 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

014297141 **Image available**
WPI Acc No: 2002-117844/200216
XRPX Acc No: N02-088129
Oil discharge system from tanker, prohibits discharge of oil when customer data and vehicle number at a filling station does not match with corresponding data stored in management computer
Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001301897	A	20011031	JP 2000126428	A	20000426	200216	B

Priority Applications (No Type Date): JP 2000126428 A 20000426
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001301897	A		15	B67D-005/14	

Abstract (Basic):
... and vehicle number data read from vehicle number card match with respective customer data for **identifying filling station** and **vehicle** number data stored in management computer (46) during booking for oil delivery. A discharge prohibition...

9/3,K/8 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

013603164 **Image available**
WPI Acc No: 2001-087371/200110
XRPX Acc No: N01-067298
Warning apparatus for petrol fill **-up stations, has proximity** sensor **which** detects **occurrence of** vehicles **on stop frame and self servicing of fuel filling is completed**
Patent Assignee: TOKICO LTD (TOJC); TOKIKO YUKI KK (TOKI-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000335694	A	20001205	JP 99150632	A	19990528	200110	B

Priority Applications (No Type Date): JP 99150632 A 19990528
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000335694	A		6	B67D-005/06	

Warning apparatus for petrol fill **-up stations, has proximity** sensor **which** detects **occurrence of** vehicles **on stop frame and self servicing of fuel filling is completed**

9/3,K/9 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

013376154 **Image available**
WPI Acc No: 2000-548092/200050
Related WPI Acc No: 2000-236678
XRPX Acc No: N00-405448

Communication system for fuel management system for private filling stations **belonging to private** fleet **operators, various public departments, checks** identify **of** vehicle **and presence of nozzle in fuel inlet port for filling**

Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)
Inventor: BATES B G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6085805	A	20000711	US 98105076	A	19980625	200050	B
			US 99443174	A	19991119		

Priority Applications (No Type Date): US 98105076 A 19980625; US 99443174 A 19991119
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6085805	A		11	B65B-001/04	Cont of application US 98105076 Cont of patent US 6024142

Communication system for fuel management system for private filling stations **belonging to private** fleet **operators, various public departments, checks** identify **of** vehicle **and presence of nozzle in fuel inlet port for filling**

9/3,K/10 (Item 4 from file: 351)
DIALOG(R)File 351:Derwent WPI

013086913 **Image available**
WPI Acc No: 2000-258785/200023
XRPX Acc No: N00-192509
Equipment for presenting information on a display unit on a fuel dispenser at a filling station transmits information electronically from a control device to a display unit integrated into a fuel dispenser nozzle filling device
Patent Assignee: GOSSLER FLUIDTEC GMBH (GSSL)
Inventor: MORGENSTERN E
Number of Countries: 024 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 989092	A1	20000329	EP 99118125	A	19990911	200023	B
DE 19843805	A1	20000330	DE 1043805	A	19980924	200023	

Priority Applications (No Type Date): DE 1043805 A 19980924
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 989092	A1	G	7	B67D-005/37	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI				
DE 19843805	A1			G09G-003/00	

Abstract (Basic):
... display is controlled selectively by a central control device (3). A sensor (9) at the **filling station detects** the type of **vehicle** to refueled, causing the central control unit to transfer appropriate information. Energy savings are made...

9/3,K/11 (Item 5 from file: 351)
DIALOG(R)File 351:Derwent WPI

012661387 **Image available**
WPI Acc No: 1999-467492/199939

Identification **system for a pay** card , **e.g. at a petrol** filling station , - **detects violation of the services pay box with a top card slit NoAbstract**
Patent Assignee: BARATA J (BARA-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
PT 102117	A	19990831	PT 102117	A	19980219	199939	B

Priority Applications (No Type Date): PT 102117 A 19980219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
PT 102117	A		1	A45C-001/12	

Identification **system for a pay** card , **e.g. at a petrol** filling station , -

9/3,K/12 (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI

012301088 **Image available**
WPI Acc No: 1999-107194/199910
XRPX Acc No: N99-077435
Automatic filling method for loose material transport vehicles - involves detecting **position of** vehicle **load space at** filling station **for controlling movement of loading device**
Patent Assignee: SIEMENS AG (SIEI)
Inventor: POHLSCHEID M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19731929	A1	19990128	DE 1031929	A	19970724	199910	B

Priority Applications (No Type Date): DE 1031929 A 19970724
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19731929	A1		6	B65G-067/04	

... **involves** detecting **position of** vehicle **load space at** filling station **for controlling movement of loading device**
...Abstract (Basic): automatic filling method involves delivering the loose material to the transport vehicle (9) at a **filling station** , with the position of the **vehicle** load space **detected** for controlling a movable loading device (6-8) displaced between a supply location for the...

...ADVANTAGE - Accurate loading of transport **vehicle** by **detecting** position of load space relative to **filling station** .

9/3,K/13 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI

011670273 **Image available**
WPI Acc No: 1998-087182/199808
XRPX Acc No: N98-069193
Monitoring system for delivery of fuel to road vehicles - has sensors **determining which** fuel dispensing **nozzle is used, and reads information from** vehicle **for** identification , **and nozzles are coupled to processing unit which is connected to pump controller**
Patent Assignee: ORDICAM RECH & DEV (ORDI-N); ORDICAM RECH & DEV SA

(ORDI-N)
Inventor: LEGOUX J; MICHOT G
Number of Countries: 023 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9800817	A1	19980108	WO 97FR1101	A	19970619	199808	B
FR 2750521	A1	19980102	FR 968201	A	19960628	199809	
EP 907938	A1	19990414	EP 97930554	A	19970619	199919	
			WO 97FR1101	A	19970619		
EP 907938	B1	20010822	EP 97930554	A	19970619	200149	
			WO 97FR1101	A	19970619		
DE 69706304	E	20010927	DE 606304	A	19970619	200164	
			EP 97930554	A	19970619		
			WO 97FR1101	A	19970619		
US 6598792	B1	20030729	WO 97FR1101	A	19970619	200354	
			US 2000529229	A	20000817		

Priority Applications (No Type Date): FR 968201 A 19960628
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9800817	A1	F	22	G07F-013/02	
Designated States (National): BR CA JP RU US					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
FR 2750521	A1			G07F-007/10	
EP 907938	A1	F		G07F-013/02	Based on patent WO 9800817
Designated States (Regional): BE CH DE GB IT LI					
EP 907938	B1	F		G07F-013/02	Based on patent WO 9800817
Designated States (Regional): BE CH DE GB IT LI					
DE 69706304	E			G07F-013/02	Based on patent EP 907938
					Based on patent WO 9800817
US 6598792	B1			G06F-017/60	Based on patent WO 9800817

... **has** sensors **determining which** fuel dispensing **nozzle is used, and reads information from** vehicle **for** identification **, and nozzles are coupled to processing unit which is connected to pump controller**.

9/3,K/14 (Item 8 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

011601258 **Image available**
WPI Acc No: 1998-018386/199802
XRPX Acc No: N98-014014
Fuel vapour detection **and recovery system for** vehicle filling station **pump - uses fuel delivery hose with vapour passage that contains sensor connected to CPU which generates control signal to vapour recovery pump**
Patent Assignee: MARCONI COMMERCE SYSTEMS INC (MAON); GILBARCO INC (GILB-N); GILBARCO LTD (GILB-N)
Inventor: HARTSELL H C; MILLER P D; PAYNE E A; TUCKER M B
Number of Countries: 020 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9744274	A1	19971127	WO 97GB1374	A	19970519	199802	B
US 5782275	A	19980721	US 96649455	A	19960517	199836	
EP 958235	A1	19991124	EP 97923206	A	19970519	199954	
			WO 97GB1374	A	19970519		
US 5992395	A	19991130	US 96649455	A	19960517	200003	
			US 9822296	A	19980211		
EP 958235	B1	20030205	EP 97923206	A	19970519	200318	
			WO 97GB1374	A	19970519		
DE 69718938	E	20030313	DE 618938	A	19970519	200326	
			EP 97923206	A	19970519		

Search performed by Sylvia Keys February 25, 2004

Priority Applications (No Type Date): US 96649455 A 19960517; US 9822296 A 19980211
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9744274	A1	E	30	B67D-005/04	
Designated States (National): CA MX					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 5782275	A			B65B-001/30	
EP 958235	A1	E		B67D-005/04	Based on patent WO 9744274
Designated States (Regional): DE FR GB IT					
US 5992395	A			F02M-037/04	Div ex application US 96649455 Div ex patent US 5782275
EP 958235	B1	E		B67D-005/04	Based on patent WO 9744274
Designated States (Regional): DE FR GB IT					
DE 69718938	E			B67D-005/04	Based on patent EP 958235 Based on patent WO 9744274

Fuel vapour detection **and recovery system for** vehicle filling station **pump**...

9/3,K/15 (Item 9 from file: 351)
DIALOG(R)File 351:Derwent WPI

003102340
WPI Acc No: 1981-L2389D/198144
Guidance system for vehicle queue at petrol filling station - has sensors to detect vehicle position and display to indicate pump availability
Patent Assignee: REMSCHEIDT K H (REMS-I)
Inventor: REMSCHEIDT K H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3013080	A	19811022				198144	B

Priority Applications (No Type Date): DE 3013080 A 19800403
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3013080	A		3		

...Abstract (Basic): The system has a number of sensors to **detect** the location of **vehicles** in the **filling station** area. Other detect the condition and availability of filling pumps. A display is provided to...

9/3,K/16 (Item 10 from file: 351)
DIALOG(R)File 351:Derwent WPI

001292485
WPI Acc No: 1975-H6398W/197530
Automated dispensing appts. for motor fuel - for operation with credit cards activates dispensing mechanism if card data are satisfactory
Patent Assignee: ATLANTIC RICHFIELD CO (ATLF)
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 1400654	A	19750723				197530	B
CA 997841	A	19760928				197642	

Priority Applications (No Type Date): US 72256748 A 19720525

...Abstract (Basic): The appts. includes a receiver for examining the **card** and **identifying** data on the **card** , and producing appropriate **signals** , a **petrol dispensing** mechanism, and a data bank. The card receiver returns the card to the customer after...

9/3,K/17 (Item 1 from file: 353)
DIALOG(R)File 353:Ei EnCompassPat(TM)

0315824 EnCompassPat Document No.: 200018920 Derwent WPI Accession No.: 00-548092
Communication system for fuel management system for private filling stations **belonging to private** fleet **operators, various public departments, checks** identify **of** vehicle **and presence of nozzle in fuel inlet port for filling**
Patent Assignee: MICRON TECHNOLOGY INC
Priority (CC,No,Date): US 443174 991119; US 105076 980625
Patent (CC,No,Date): US 6085805 000711

Communication system for fuel management system for private filling stations **belonging to private** fleet **operators, various public departments, checks** identify **of** vehicle **and presence of nozzle in fuel inlet port for filling**

9/3,K/18 (Item 2 from file: 353)
DIALOG(R)File 353:Ei EnCompassPat(TM)

0306313 EnCompassPat Document No.: 200008955 Derwent WPI Accession No.: 00-258785
Equipment for presenting information on a display unit on a fuel dispenser at a filling station transmits information electronically from a control device to a display unit integrated into a fuel dispenser nozzle filling device
Patent Assignee: GOSSLER FLUIDTEC GMBH
Priority (CC,No,Date): DE 1043805 980924
Patent (CC,No,Date): EP 989092 000329

Abstract:
... A sensor (9) at the **filling station detects** the type of **vehicle** to refueled, causing the central control unit to transfer appropriate information...

9/3,K/19 (Item 3 from file: 353)
DIALOG(R)File 353:Ei EnCompassPat(TM)

0294131 EnCompassPat Document No.: 9941569 Derwent WPI Accession No.: 98-018386
Fuel vapour detection **and recovery system for** vehicle filling station **pump - uses fuel delivery hose with vapour passage that contains sensor connected to CPU which generates control signal to vapour recovery pump**
Patent Assignee: GILBARCO INC GILCARCO LTD
Priority (CC,No,Date): US 649455 960517
Patent (CC,No,Date): WO 9744274 971127

Fuel vapour detection **and recovery system for** vehicle filling station **pump**...

Search performed by Sylvia Keys February 25, 2004

9/3,K/20 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext

00668479
Utility
DEVICE FOR CONTROLLING A SELF-SERVICE DISPENSER USING IDENTIFICATION DATA CARRIERS

PATENT NO.: 3,779,357
ISSUED: December 18, 1973 (19731218)
INVENTOR(s): Haller, Willi, Aldingen, DE (Germany)
Lebhere, Richard, Aldingen, DE (Germany)
Kratt, Kurt, Aldingen, DE (Germany)
ASSIGNEE(s): Firma J Hengatter KG, (A Non-U.S. Company or Corporation), Aldingen, DE (Germany)
APPL. NO.: 5-166,509
FILED: July 27, 1971 (19710727)
PRIORITY: P-20-37-580.8, DE (Germany), July 29, 1970 (19700729)
FULL TEXT: 363 lines

...a data storage assigned to the respective customer by the control device corresponding to the **identification** data of the credit **card** . In certain intervals the owner of the **filling station** can charge the stored amounts.

A disadvantage of these known arrangements is that the customer...

9/3,K/21 (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.

0005314518 **IMAGE Available
Derwent Accession: 2003-662853
Fuel dispenser with a human detection and recognition system
Inventor: Ervin Smith, INV
Assignee: Tokheim Corporation (02)
Correspondence Address: RANDALL J. KNUTH P.C., 3510-A STELLHORN ROAD, FORT WAYNE, IN, 46815-4631, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030144905	A1	20030731	US 200262067	20020131

Fulltext Word Count: 7135

Summary of the Invention:
...The present invention comprises, in another form thereof, a fuel dispenser with a human being **detection** and recognition system having a **card** reading means. The **fuel dispenser** has a **sensor** means for detecting the presence of a person at the fuel dispenser. Also, the fuel ...

9/3,K/22 (Item 2 from file: 654)
DIALOG(R)File 654:US Pat.Full.

4628590 **IMAGE Available
Derwent Accession: 1998-287118
Utility
M/ **Testing device and method of use**

Inventor: Clark, Alisdair Quentin, Hants, GB
Read, Harry, Surrey, GB
Assignee: BP Oil International Limited (03), London, GB
BP Oil International Ltd GB (Code: 23555)
Examiner: Jacyna, J. Casimer (Art Unit: 371)
Law Firm: Nixon & Vanderhye

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6341629	A	20020129	US 99301606	19990429
Continuation	Pending			WO 97GB2951	19971028
Priority				GB 9622840	19961101
				GB 974654	19970306
				GB 9714270	19970708

Fulltext Word Count: 15075

Summary of the Invention:
...fuel nozzle removed from a holder e.g. in a fuel "pump" stand in a **filling station** and inserted into a fuel tank of a **vehicle** . The nozzle can carry the **detector** into the second zone...

9/3,K/23 (Item 3 from file: 654)
DIALOG(R)File 654:US Pat.Full.

4412470 **IMAGE Available
Derwent Accession: 2001-023489
Utility
M/ **Universal pre-paid gasoline and travel card**
Inventor: Wisdom, Juanita J., P.O. Box 1028, Logandale, NV, 89021
Wisdom, Deborah M., 119 Spring Hill Rd., Red Oak, TX, 75154
Assignee: Unassigned
Unassigned Or Assigned To Individual (Code: 68000)
Examiner: Pitts, Harold I. (Art Unit: 286)
Combined Principal Attorneys: Levine, P.C., Harold

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6145741	A	20001114	US 99300796	19990427

Fulltext Word Count: 2560

Summary of the Invention:
...Accordingly, in accordance with one feature of the invention, a pre-paid **card** is provided with an **identification** indicating its acceptability at substantially all **filling stations** and combination filling stations/convenience stores, thus enhancing safety, convenience and time effectiveness in use...
?

11/3,K/1 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent

10455682 2003-0200108
E/MASTER DISPENSER DISPLAY WITH MULTIPLE COMMUNICATION INTERFACES ALLOWING VIRTUAL TRANSACTION TICKET
Inventors: Malnoe Michel (FR)
Assignee: Unassigned Or Assigned To Individual
Assignee Code: 68000

	Publication		Application	
Kind	Number	Date	Number	Date
A1	US 20030200108	20031023	US 2003364538	20030210
Priority Applic:			US 2003364538	20030210
Provisional Applic:			US 60-355873	20020211

Non-exemplary Claims: ...64. A fuel dispenser apparatus, comprising: a **fuel dispenser** assembly; an electronic transaction **receipt signal** generator; a **remote** communications module; and a processor, said processor being operably coupled to said signal generator and...

11/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01039476 **Image available**
MASTER DISPENSER DISPLAY WITH MULTIPLE COMMUNICATION INTERFACES ALLOWING VIRTUAL TRANSACTION TICKET
AFFICHAGE DISTRIBUTEUR MAITRE A INTERFACES DE COMMUNICATION MULTIPLES A TICKET DE TRANSACTION VIRTUEL
Patent Applicant/Assignee:
TOKHEIM CORPORATION, 1600 Wabash Avenue, Fort Wayne, IN 46802, US, US (Residence), US (Nationality)
Inventor(s):
MALONE Michel, 15, rue des Fleurs, F-14670 Saint-Samson, FR,
Legal Representative:
KNUTH Randall (agent), 3510-A Stellhorn Road, Fort Wayne, IN 46815-4631, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200369432 A2 20030821 (WO 0369432)
Application: WO 2003US3964 20030211 (PCT/WO US0303964)
Priority Application: US 2002355873 20020211
Designated States: CA
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 17477

Fulltext Availability:
Claims

Claim
... to dispense fuel using the
5 first information.

64 A fuel dispenser apparatus, comprising:
a **fuel dispenser** assembly;
an electronic transaction **receipt signal** generator;
a **remote** communications module; and
69
a processor, said processor being operably coupled to

said signal generator...

11/3,K/3 (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.

0005409002 **IMAGE Available
Derwent Accession: 2003-671689
Master dispenser display with multiple communication interfaces allowing virtual transaction ticket
Inventor: Malnoe, Michel, INV
Correspondence Address: RANDALL J. KNUTH P.C., 3510-A STELLHORN ROAD, FORT WAYNE, IN, 46815-4631, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030200108	A1	20031023	US 2003364538	20030210
Provisional				US 60-355873	20020211

Fulltext Word Count: 22968

Exemplary or Independent Claim(s):
...64. A fuel dispenser apparatus, comprising: a **fuel dispenser** assembly; an electronic transaction **receipt signal** generator; a **remote** communications module; and a processor, said processor being operably coupled to said signal generator and...

17/3,K/1 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent

3351554 4119488
E/SYSTEM FOR ENABLING HANDICAPPED INDIVIDUALS TO USE GASOLINE DISPENSERS; Transponders detect the approach of a handicapped individual resulting in the generation of control signals for easier operation of dispensers and the notification of an attendant regarding personal information relating to the handicapped individual
Inventors: Dickson Timothy Earle (US); Kaehler David Lee (US); McSpadden John Steven (US)
Assignee: Marconi Commerce Systems Inc
Assignee Code: 56015

	Publication		Application	
Kind	Number	Date	Number	Date
A	US 6087954	20000711	US 9825095	19980217
Priority Applic:			US 9825095	19980217

Calculated Expiration: 20180217

Non-exemplary Claims: ...defined in claim 6, wherein said predetermined control signals generated by said computer include a **signal** for causing said **gasoline dispenser** to generate a **receipt** having a predetermined increased length so that it is easier for said handicapped individual to...

17/3,K/2 (Item 2 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent

2953411 3820880
M/PUMP FOR ELECTRICALLY CONDUCTIVE COATING MATERIALS
Inventors: Konieczynski Ronald D (US); Lash Edward (US)
Assignee: Nordson Corp
Assignee Code: 60382

	Publication		Application	
Kind	Number	Date	Number	Date
A	US 5727931	19980317	US 96633693	19960419
Priority Applic:			US 96633693	19960419

Calculated Expiration: 20160419

Non-exemplary Claims: ...second cavity, said control device being effective to cause said shuttle to move to said **filling station** in response to **receipt** of said signal...

17/3,K/3 (Item 3 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent

1462768 2320828
M/METHOD AND APPARATUS FOR HANDLING AND FILLING BAGS OR ENVELOPES
Inventors: COLE DENIS B (GB); TRETHEWY DEREK C (GB)
Assignee: HAZELWOOD ENTERPRISES LTD GB

	Publication		Application	
Kind	Number	Date	Number	Date

	A	US 4393640	19830719	US 80182182	19800828
	(Cited in 009 later patents)				
Priority Applic:				US 80182182	19800828

Calculated Expiration: 20000828

Exemplary Claim: ...along the tear-line separating said endmost and said next adjacent containers, to leave said **filling station** free for **receipt** of said next adjacent container.

17/3,K/4 (Item 4 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

1138978 1815152
E/ ACCOUNTING **AND CASH-TRANSFER SYSTEM FOR** FILLING STATIONS **HAVING METERED PUMPS**
Inventors: PICHLER PETER (N/A); RANNER DIETRICH (N/A)
Assignee: ARAL AUSTRIA GESELLSCHAFT M B H

	Publication			Application	
	Kind	Number	Date	Number	Date
	A	US 4087858	19780502	US 76749753	19761213
	(Cited in 007 later patents)				
Cont.-in-part of:		ABANDONED		US 76732395	19761014
Priority Applic:				AT 757837	19751014

Calculated Expiration: 19950502

ACCOUNTING **AND CASH-TRANSFER SYSTEM FOR** FILLING STATIONS **HAVING METERED PUMPS**

17/3,K/5 (Item 5 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

0981399 1600944
E/AUTOMATED FUEL DISPENSER
Inventors: COTHRAN MARTIN D (N/A); GENTILE FRED J (N/A)
Assignee: DOCUTEL CORP.
Assignee Code: 24298

	Publication			Application	
	Kind	Number	Date	Number	Date
	A	US 3931497	19760106	US 73408092	19731019
	(Cited in 046 later patents)				
Priority Applic:				US 73408092	19731019

Calculated Expiration: 19930106

Non-exemplary Claims: ...dispensing system as set forth in claim 15 including means for generating a currency refund **receipt** when the currency total **signal** exceeds the value of **fuel dispensed** from a dispensing terminal...

...fuel dispensing system as set forth in claim 17 including means for generating a refund **receipt** when the value **signal** exceeds the value of **fuel dispEnsed** from a terminal in a dispensing transaction

17/3,K/6 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

01082977
Method for identifying a client receiving a product from a product deliverer by means of a terminal and for identifying the product deliverer, terminal and central unit
Verfahren zur Identifikation von Waren von einem Warenanbieter entgegennehmenden Warenabnehmers mit einem Endgerat und zur Identifikation des Warenanbieters, Endgerat und Zentrale
Methode pour l'identification d'un client recevant un produit d'un fournisseur de produit a l'aide d'un terminal et pour l'identification du fournisseur du produit, ainsi qu'un terminal et une unite centrale
PATENT ASSIGNEE:
Vodafone Holding GmbH, (3934152), Mannesmannufer 2, 40213 Dusseldorf, (DE), (Applicant designated States: all)
INVENTOR:
Siegert, Claus, Dipl.-Ing, Efeuweg 30, 91126 Schwabach, (DE)
LEGAL REPRESENTATIVE:
Henze, Lothar, Dipl.-Ing. et al (64552), Meissner & Meissner, Patentanwaltsburo, Hohenzollerndamm 89, 14199 Berlin, (DE)
PATENT (CC, No, Kind, Date): EP 952561 A2 991027 (Basic)
EP 952561 A3 031203
APPLICATION (CC, No, Date): EP 99250115 990413;
PRIORITY (CC, No, Date): DE 19818911 980423
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07F-007/02; G07F-013/02
TRANSLATED ABSTRACT WORD COUNT: 129
ABSTRACT WORD COUNT: 104
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): German; German; German
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	9943	776
SPEC A	(German)	9943	2103
Total word count - document A			2879
Total word count - document B			0
Total word count - documents A + B			2879

...ABSTRACT receiving goods from a supplier enables supplier and buyer of goods to be identified for **accounting** purposes very simply and efficiently, e.g. for **filling stations**
The method involves using a terminal (8) for the identification of the supplier, whereby identification...

17/3,K/7 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00875941
Pump for electrically conductive coating materials
Pumpe fur elektrisch leitende Beschichtungsmaterialien
Pompe pour materiaux de revetement conducteur
PATENT ASSIGNEE:
NORDSON CORPORATION, (402644), 28601 Clemens Road, Westlake, Ohio 44145-1119, (US), (Proprietor designated states: all)
INVENTOR:
Lash, Edward, 11846 Spencer Mills, Spencer, Ohio 44275, (US)
Konieczynski, Ronald D., 3947 West Sprague Road, North Royalton, Ohio 44133, (US)

LEGAL REPRESENTATIVE:
  Findlay, Alice Rosemary et al (69451), Lloyd Wise Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW, (GB)
PATENT (CC, No, Kind, Date): EP 801994 A2 971022 (Basic)
EP 801994 A3 990310
EP 801994 B1 031210
APPLICATION (CC, No, Date): EP 97302634 970417;
PRIORITY (CC, No, Date): US 633693 960419
DESIGNATED STATES: DE; FR; IT
INTERNATIONAL PATENT CLASS: B05B-005/16; F04B-009/133
ABSTRACT WORD COUNT: 117
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199710W3	884
CLAIMS B	(English)	200350	898
CLAIMS B	(German)	200350	867
CLAIMS B	(French)	200350	1023
SPEC A	(English)	199710W3	5834
SPEC B	(English)	200350	5932
Total word count - document A			6719
Total word count - document B			8720
Total word count - documents A + B			15439

...CLAIMS control device, the control device being effective to cause the shuttle to move to the **filling station** in response to **receipt** of said signal from the sensor on the first end of the housing and to ...

...CLAIMS 128), the control device being effective to cause the shuttle (116) to move to the **filling station** (110) in response to **receipt** of said signal from the sensor (54) on the first end of the housing and...

17/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00346278 **Image available**
UNATTENDED AUTOMATED SYSTEM FOR SELLING AND DISPENSING
SYSTEME DE VENTE ET DE DISTRIBUTION AUTOMATISE SANS PERSONNEL
Patent Applicant/Assignee:
  TASK TECHNOLOGY USA INC,
Inventor(s):
  RAMSEY Furman D,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9628791 A1 19960919
  Application: WO 96US3397 19960313 (PCT/WO US9603397)
  Priority Application: US 95403220 19950313
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 3869

Fulltext Availability:
  Claims

Claim

... fuel dispensing means to enable dispensing of said preselected quantity of motor fuel, generating a **receipt** reflecting such a purchase and deactivating said **fuel dispensing** means.

2 The **unattended automated** service station as defined in claim 1, further including change dispensing means for dispensing change...

17/3,K/9 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

014783796 **Image available**
WPI Acc No: 2002-604502/200265
XRPX Acc No: N02-479551
Refueling system in filling station **, issues** receipt **describing balance amount automatically, when amount paid by customer is larger than refueling amount**
Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002205799	A	20020723	JP 2000402131	A	20001228	200265	B

Priority Applications (No Type Date): JP 2000402131 A 20001228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002205799	A		7	B67D-005/24	

Refueling system in filling station **, issues** receipt **describing balance amount automatically, when amount paid by customer is larger than refueling amount**

17/3,K/10 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
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014315939 **Image available**
WPI Acc No: 2002-136641/200218
XRPX Acc No: N02-103674
Refueling system for self-service filling station **has** receipt **issuing unit that publishes** receipt **which includes amount of change returned**
Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002002895	A	20020109	JP 2000190158	A	20000623	200218	B

Priority Applications (No Type Date): JP 2000190158 A 20000623
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002002895	A		9	B67D-005/24	

Refueling system for self-service filling station **has** receipt **issuing unit that publishes** receipt **which includes amount of change returned**

17/3,K/11 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

012806346 **Image available**
WPI Acc No: 1999-612576/199953
XRPX Acc No: N99-451541
Method of identifying a buyer receiving goods from a supplier enables supplier and buyer of goods to be identified for accounting **purposes very simply and efficiently, e.g. for** filling stations
Patent Assignee: MANNESMANN AG (MANS)
Inventor: SIEGERT C
Number of Countries: 025 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 952561	A2	19991027	EP 99250115	A	19990413	199953	B
DE 19818911	A1	19991104	DE 1018911	A	19980423	199953	

Priority Applications (No Type Date): DE 1018911 A 19980423
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 952561	A2	G	8	G07F-007/02	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
DE 19818911	A1			G06F-017/60	

... **receiving goods from a supplier enables supplier and buyer of goods to be identified for** accounting **purposes very simply and efficiently, e.g. for** filling stations

17/3,K/12 (Item 4 from file: 351)
DIALOG(R)File 351:Derwent WPI

012733304 **Image available**
WPI Acc No: 1999-539421/199945
XRPX Acc No: N99-399677
Receipt **presenter for dispenser in unmanned station, kiosk,** automated **teller machine,** fuel dispensing **pump**
Patent Assignee: BDT PROD INC (BDTB-N)
Inventor: KLEIN G F; WEIST G R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5954438	A	19990921	US 97960659	A	19971030	199945	B

Priority Applications (No Type Date): US 97960659 A 19971030
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5954438	A		7	B41J-011/26	

Receipt **presenter for dispenser in unmanned station, kiosk,** automated **teller machine,** fuel dispensing **pump**

Abstract (Basic):
... For **receipt** printer in kiosk, **automated** teller machine, **fuel dispenser** .

17/3,K/13 (Item 5 from file: 351)
DIALOG(R)File 351:Derwent WPI

001255678
WPI Acc No: 1975-D9493W/197515
Petrol filling station accounting **system - dispensed amounts and value dat signals give indication via computer**

Patent Assignee: AVERY-HARDOLL LTD (AVER-N)
Number of Countries: 004 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 2445740	A	19750403				197515	B
SE 7411967	A	19750421				197520	
FR 2244705	A	19750523				197526	
GB 1485264	A	19770908				197736	

Priority Applications (No Type Date): GB 7344950 A 19730925

Petrol filling station accounting **system**...

17/3,K/14 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00602680
Utility
CAN CHANGING IN STRAND MATERIAL HANDLING

PATENT NO.: 3,698,041
ISSUED: October 17, 1972 (19721017)
INVENTOR(s): Hertzsch, Hans B., Enschede, NL (Netherlands)
ASSIGNEE(s): Deutsche Spinnereimaschinenbau Ingolstadt Niederlassung der Schubert & Salzer Maschinenfabrik Aktiengesellschaft, (A Non-U.S. Company or Corporation), Ingolstadt/Donau, DE (Germany)
APPL. NO.: 4-802,694
FILED: February 26, 1969 (19690226)
DISCLAIMER: May 13, 1986 (19860513)
PRIORITY: D-38105, DE (Germany), February 9, 1962 (19620209)
D-40673, DE (Germany), February 12, 1963 (19630212)

This application is a continuation of Ser. No. 569,556, filed July 26, 1966, now U.S. Pat. No. 3,443,287 which in turn is a continuation-in-part of application Ser. No. 256,220, filed Feb. 1, 1963, now abandoned.
FULL TEXT: 860 lines

... be moved from its first position to its second position to provide platform area for **receipt** of filled cans from the **filling station** . Control means are provided so that the described movement of the cable drive occurs in...

17/3,K/15 (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

4348863 **IMAGE Available
Derwent Accession: 2000-564368
Utility
REASSIGNED
E/ **System for enabling handicapped individuals to use gasoline dispensers**
Inventor: McSpadden, John Steven, Greensboro, NC
Kaehler, David Lee, Greensboro, NC
Dickson, Timothy Earle, Greensboro, NC
Assignee: Marconi Commerce Systems Inc. (02), Greensboro, NC
Marconi Commerce Systems Inc (Code: 56015)
Examiner: Zimmerman, Brian (Art Unit: 275)
Assistant Examiner: DaLencourt, Yves
Law Firm: Coats & Bennett, P.L.L.C.

Publication Application Filing

	Number	Kind	Date	Number	Date
Main Patent	US 6087954	A	20000711	US 9825095	19980217

Fulltext Word Count: 3848
Non-exemplary or Dependent Claim(s):
...defined in claim 6, wherein said predetermined control signals generated by said computer include a **signal** for causing said **gasoline dispenser** to generate a **receipt** having a predetermined increased length so that it is easier for said handicapped individual to...

17/3,K/16 (Item 2 from file: 654)
DIALOG(R)File 654:US Pat.Full.

4086345 **IMAGE Available
Derwent Accession: 1999-080049
Utility
M/ **Method of determining the composition of fuel in a flexible fueled vehicle with an O2 sensor**
Inventor: Seitz, Gary L., Chelsea, MI
Cheng, Yi, Jackson, MI
Hope, Mark E., Ann Arbor, MI
Huff, Shean, Ann Arbor, MI
Joyce, Mary, Farmington Hills, MI
Kennie, Jerry, Canton, MI
Krozek, Dennis A., Novi, MI
Nankee, II, Robert J., Canton, MI
Assignee: Chrysler Corporation (02), Auburn Hills, MI
Chrysler Corp (Code: 17368)
Examiner: Solis, Erick R. (Art Unit: 377)
Combined Principal Attorneys: Calcaterra, Mark P.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5850824	A	19981222	US 97959797	19971029

Fulltext Word Count: 2666

Description of the Invention:
...sensor feedback system prior to reaching closed loop operating conditions. The methodology accounts for oxygen **sensor** voltage trends after a tank **fuel fill** but before the oxygen **sensor** is ready for closed loop operation. By **accounting** for the oxygen sensor voltage trends, engine fueling requirements may be adjusted during open loop...

17/3,K/17 (Item 3 from file: 654)
DIALOG(R)File 654:US Pat.Full.

3954892 **IMAGE Available
Derwent Accession: 1997-505289
Utility
M/ **Pump for electrically conductive coating materials**
Inventor: Lash, Edward, Spencer, OH
Konieczynski, Ronald D., North Royalton, OH
Assignee: Nordson Corporation (02), Westlake, OH
Nordson Corp (Code: 60382)
Examiner: Gluck, Richard E. (Art Unit: 343)

Law Firm: Holland & Knight LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5727931	A	19980317	US 96633693	19960419

Fulltext Word Count: 8564

Non-exemplary or Dependent Claim(s):
...second cavity, said control device being effective to cause said shuttle to move to said **filling station** in response to **receipt** of said signal...

17/3,K/18 (Item 4 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

2657405 **IMAGE Available
Derwent Accession: 1982-L7808E
Utility
EXPIRED
CE/ **Memory device**
Inventor: Newport, Derek J., Newcastle, GB England
Hood, Christopher, Reading, GB England
Assignee: Johnson Matthey Public Limited Company (03), London, GB England
JOHNSON MATTHEY PLC GB (Code: 07915)
Examiner: Rubinson, Gene Z. (Art Unit: 261)
Assistant Examiner: Lev, Robert
Law Firm: Cushman, Darby & Cushman

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4544834	A	19851001	US 84601107	19840418
Continuation	Pending			US 82353490	19820302
Priority				GB 816820	19810304

Fulltext Word Count: 4363

Summary of the Invention:
...file stored at the bank or credit organisation as well as the oil company's **accounting** centres for the **filling station** concerned are updated...

17/3,K/19 (Item 5 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

2494180 **IMAGE Available
Derwent Accession: 1980-L6722C
Utility
M/ **Method and apparatus for handling and filling bags or envelopes**
Inventor: Cole, Denis B., Honiton, GB England
Trethewy, Derek C., Esher, GB England
Assignee: Hazelwood Enterprises Limited (03), Alderney, GB Channel Islands
HAZELWOOD ENTERPRISES LTD GB
Examiner: Coan, James F. (Art Unit: 325)
Law Firm: Sughrue, Mion, Zinn, Macpeak & Seas

	Publication Number	Kind	Date	Application Number	Filing Date

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4393640	A	19830719	US 80182182	19800828

Fulltext Word Count: 4596

Exemplary or Independent Claim(s):
...along the tear-line separating said endmost and said next adjacent containers, to leave said **filling station** free for **receipt** of said next adjacent container.

17/3,K/20 (Item 6 from file: 654)
DIALOG(R)File 654:US Pat.Full.

2283190 **IMAGE Available
Derwent Accession: 1980-A8968C
Utility
REASSIGNED
M/ **Credit card automated system for vehicle service stations**
Inventor: Wostl, Wolfgang J., South Holland, IL
Segal, Jack S., Park Forest, IL
Roach, Thomas L., Dyer, IN
Moore, Robert A., Park Forest, IL
Assignee: Atlantic Richfield Company (02), Philadelphia, PA
ATLANTIC RICHFIELD CO (Code: 06096)
Examiner: Kilgore, Robert M. (Art Unit: 235)

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4199100	A	19800422	US 78913917	19780608

Fulltext Word Count: 7060
Non-exemplary or Dependent Claim(s):
...said processor control means accumulates first coded data signals according to a particular type of **fuel dispensed** for producing fuel type data **signals** representative of an **accounting** total of the value of total fuel of the particular type of fuel dispensed over ...

17/3,K/21 (Item 7 from file: 654)
DIALOG(R)File 654:US Pat.Full.

2164041 **IMAGE Available
Derwent Accession: 1977-B4875Y
Utility
E/ Accounting **and cash-transfer system for** filling stations **having metered pumps**
Inventor: Pichler, Peter, Steiermark, AT
Ranner, Dietrich, Salzburg, AT
Assignee: Aral Austria Gesellschaft m.b.H. (03), Vienna, AT
ARAL AUSTRIA GESELLSCHAFT M B H
Examiner: Wise, Edward J. (Art Unit: 236)
Combined Principal Attorneys: Ross, Karl F.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4087858	A	19780502	US 76749753	19761213
CIP	Abandoned			US 76732395	19761014

Priority AT 757837 19751014

Fulltext Word Count: 6574
Accounting **and cash-transfer system for** filling stations **having metered pumps**

17/3,K/22 (Item 8 from file: 654)
DIALOG(R)File 654:US Pat.Full.

2001231 **IMAGE Available
Derwent Accession: 1976-A6600X
Utility
E/ **Automated fuel dispenser**
Inventor: Gentile, Fred J., Dallas, TX
Cothran, Martin D., Euless, TX
Assignee: Docutel Corporation (02), Dallas, TX
DOCUTEL CORP. (Code: 24298)
Examiner: Cook, Daryl W. (Art Unit: 235)
Law Firm: Richards, Harris & Medlock

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 3931497	A	19760106	US 73408092	19731019

Fulltext Word Count: 10625

Non-exemplary or Dependent Claim(s):
...dispensing system as set forth in claim 15 including means for generating a currency refund **receipt** when the currency total **signal** exceeds the value of **fuel dispensed** from a dispensing terminal...

...fuel dispensing system as set forth in claim 17 including means for generating a refund **receipt** when the value **signal** exceeds the value of **fuel dispensed** from a terminal in a dispensing transaction...

17/3,K/23 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0635716
SAUDIS SNAP UP POLISH DISTRIBUTOR
Platts Oilgram News January 13, 1995; Pg 2; Vol. 73, No. 9
Journal Code: PON ISSN: 0163-1284
Dateline: Helsinki
Word Count: 207 *Full text available in Formats 5, 7 and 9*

BYLINE:
Gerard O'Dwyer

TEXT:
... to modernize Va Po's facilities in Poland, from storage terminals to transport systems and **filling stations** .

OKP is Sweden's largest oil company, **accounting** for two-thirds of the country's refining capacity and one-quarter of capacity in...
?

Search performed by Sylvia Keys February 25, 2004

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 08:44:45 ON 25 FEB 2004)

FILE 'CONFSCI' ENTERED AT 08:44:51 ON 25 FEB 2004
L1 3 S (GAS OR GASOLINE OR FUEL OR PETROLEUM OR PETROL)()(DISPENS? O

Sylvia Keys EIC 3600

STN Search

L1 ANSWER 1 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
AN 97:12029 CONFSCI
DN 97-024007
TI New method for industrial enterprises and **filling stations** surface wastewater treatment
AU Paldiaeva, N.P.; Malinina, I.V.; Vaisfeld, B.A.; Palgunov, P.P.; Variushina, G.V.
CS MOSVODOCANALNIIPROJECT Moscow Inst. for Water & Wastewater Res. & Design, Moscow, Russia
SO SIBICO International, Ltd., PO Box 173, 107078, Moscow, Russia, Abstracts available.
Meeting Info.: 963 5009: Second International Congress "Water: Ecology and Technology" (9635009). Moscow (Russia). 17-21 Sep 1996. Berliner Wasser Betriebe (Germany); US Environment Protection Agency; Dow Chemical Company (Germany); TASIS Program, European Union.
DT Conference
FS DCCP
LA English

L1 ANSWER 2 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
AN 96:6969 CONFSCI
DN 96-018842
TI Cytogenetic monitoring of **filling station** attendants
AU Carere, A.; Crebelli, R.; Iavarone, I.; Lagorio, S.; Leopardi, P.; Marcon, F.; Palitti, F.; Tanzarella, C.; Zijno, A.
CS Ist. Superiore Sanita, Rome, Italy
SO Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21201-2436, Abstracts available. Poster Paper No. P037.
Meeting Info.: 953 0577: The Annual Conference of the International Society for Environmental Epidemiology and the International Society for Exposure Analysis (9530577). Noordwijkerhout (The Netherlands). 30 Aug-1 Sep 1995. World Health Organisation; Health Effects Institute; US Environmental Protection Agency; The Electric Power Reserch Institute; The Dutch Ministry of the Environment; The University of Wageninggen; The European Union.
DT Conference
FS DCCP
LA UNAVAILABLE

L1 ANSWER 3 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
AN 73:24888 CONFSCI
DN 73073861
TI Sequencing control for ore bucket **filling stations**.
AU Kutcher, H...
SO Preprint volume, 20 Jun 73; approx. $40.00 (specify No. 73CHO 750-0 CSS): Order Dept., Institute of Electrical and Electronics Engineers, 345 East 47 St., New York, N. Y. 10017..
Meeting Info.: 1973 Joint Automatic Control Conference (A732013). Columbus, Ohio. 20-22 Jun 73. American Automatic Control Council.
DT Conference Article
FS DCCP
LA UNAVAILABLE

Sylvia Keys EIC 3600